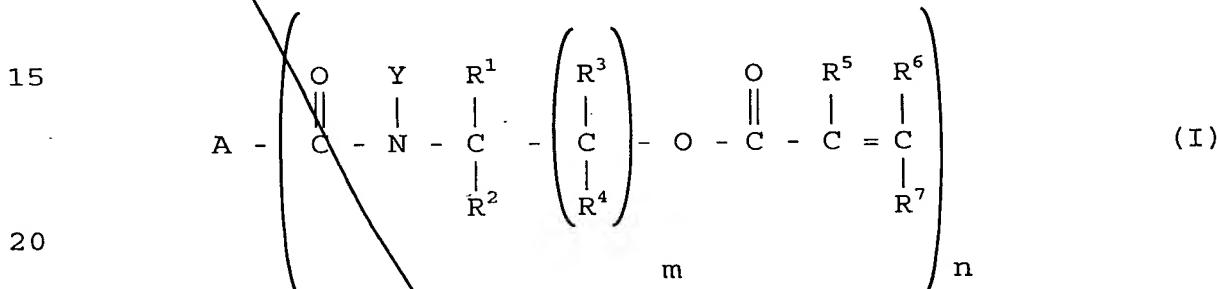


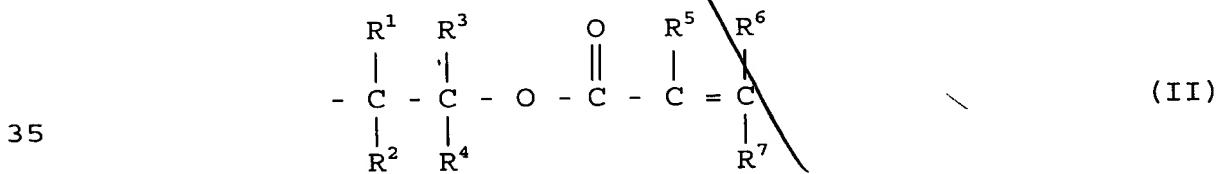
C L A I M S

1. A radiation curable powder paint binder composition containing a radiation curable compound being a mono or multi valent carboxylic ester of a  $\beta$ ,  $\gamma$ ,  $\delta$ , or  $\epsilon$ -hydroxyalkylamide group containing compound, in which the carboxylic ester is derived from an  $\alpha,\beta$ -ethylenically unsaturated carboxylic acid.
- 5 *wherein*
2. A composition according to Claim 1, characterized in that the compound is a compound according to formula (I):
- Su VI 16/2*



where:

- 25 A = hydrogen, or a monovalent or polyvalent organic group which is derived from a saturated or an unsaturated ( $C_1-C_{60}$ ) alkyl group, derived from an ( $C_6-C_{10}$ ) aryl group or a polymer P.
- 30 Y = hydrogen, an ( $C_1-C_8$ ) alkyl group or



R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> are, identical or different, hydrogen or a linear, branched or cyclic (C<sub>1</sub>-C<sub>8</sub>) alkyl chain,

5 R<sup>5</sup> = hydrogen, (C<sub>1</sub>-C<sub>5</sub>) alkyl, -CH<sub>2</sub>OH or CH<sub>2</sub>COOX,

R<sup>6</sup>, R<sup>7</sup> = hydrogen, (C<sub>1</sub>-C<sub>8</sub>) alkyl, (C<sub>6</sub>-C<sub>10</sub>) aryl or COOX,

X = hydrogen or (C<sub>1</sub>-C<sub>8</sub>) alkyl,

n = 1-1000 and

10 m = 1-4

*Claim 1, wherein*

3. Composition according to any one of Claims 1-2, characterized in that Y is hydrogen or methyl and R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are hydrogen or methyl.

4. Composition according to any one of Claims, 1-3

15 containing a polymer having an amount of polymerizable unsaturation ranging from 145 to 3000 grams per mole of unsaturated group (WPU) and a compound being a mono or multi valent carboxylic ester of a β, γ, δ or ε-hydroxyalkylamide group containing compound, in which the carboxylic ester is derived from an α,β-ethylenically unsaturated carboxylic acid.

20 5. Composition according to any one of Claims 1-3, containing a compound being a mono or multi valent carboxylic ester of a β, γ, δ or ε-hydroxyalkylamide group containing compound, in which the carboxylic ester is derived from an α,β-ethylenically unsaturated carboxylic acid and a crosslinker.

25 6. A powder paint composition comprising a binder composition according to any one of Claims 1-5.

30 7. A coating obtained by radiation curing of a composition according to any one of Claims 1-6.

8. Entirely or partly coated substrate wherein a coating according to Claim 7 is applied as the coating.

Add C<sub>3</sub>  
Add D  
Add G<sub>3</sub>